



A01-0020

*National  
Environmental  
Achievement Track*

*Application Form*

New Hampshire Ball Bearings, Inc.  
Name of facility

NMB (USA), Inc.  
Name of parent company (if any)

175 Jaffrey Road  
Street address

Street address (cont.)

Peterborough, NH 03458-1709  
City/State/Zip code

Give us information about your contact person for the  
National Environmental Achievement Track Program.

Name Patricia Carrier

Title Mgr. Facilities/Environmental

Phone 603-924-3311

Fax 603-924-4419

E-mail pcarrier@nhbb.com

*Why do we need this information?*

EPA needs background information on your facility to evaluate your application.

*What do you need to do?*

- Provide background information on your facility.
- Identify your environmental requirements.

# Section A

*Tell us about your facility.*

1 What do you do or make at your facility?

Manufacturers of precision ball and roller bearings for the aerospace industry.

2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC  
3562

NAICS

3 Does your company meet the Small Business Administration definition of a small business for your sector?

Yes  No

4 How many employees (full-time equivalents) currently work at your facility?

- Fewer than 50  
 50-99  
 100-499  
 500-1,000  
 More than 1,000

Section A, continued

5 Does your facility have an EPA ID number(s) ?

Yes  No

If yes, list in the right-hand column.

NH D001086321

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right or enclose a completed Checklist with your application.

40 CFR 302 40 CFR 112 Env-Wm 807  
40 CFR 268 40 CFR 403 Env-A 1400  
40 CFR 279 40 CFR 433 Env-A 1406  
40 CFR 110 40 CFR 261 Env-Wm 1401  
40 CFR 280 40 CFR 262 Env-WS 401  
40 CFR 355 40 CFR 265 Env-WS 421  
40 CFR 372 40 CFR 117 Env-Wm 400  
40 CFR 370 Env-Wm 500  
40 CFR 82 Subpart F  
40 CFR 122.26

7 Check the appropriate box in the right-hand column.

I've listed the requirements above.  
 I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

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*Why do we need this information?*

Facilities must have an operating Environmental Management System (EMS) that meets certain requirements.

*What do you need to do?*

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

# Section B

*Tell us about your EMS.*

1 Check **yes** if your EMS meets the requirements for each element below as defined in the instructions.

a. Environmental policy \_\_\_\_\_  Yes

b. Planning \_\_\_\_\_  Yes

c. Implementation and operation \_\_\_\_\_  Yes

d. Checking and corrective action \_\_\_\_\_  Yes

e. Management review \_\_\_\_\_  Yes

2 Have you completed at least one EMS cycle (plan-do-check-act)?  Yes

3 Did this cycle include both an EMS and a compliance audit?  Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS?  Yes

If yes, what method of EMS assessment did you use?

Self-assessment

GEMI  Other

CEMP

Third-party assessment

ISO 14001 Certification

Other \_\_\_\_\_

# Section C

Tell us about your past achievements and future commitments.

## Why do we need this information?

Facilities must show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

## What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

- 1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

**Note to small facilities:** If you qualify as a small facility as defined in the instructions, you are required to report past achievement for at least one environmental aspect.

### First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Water use		10.38 gallons Per labor hour		8.48 gallons per labor hour
i. How is the current level an improvement over the previous level? <u>18% reduction in total water use.</u>				
ii. How did you achieve this improvement? <u>Mostly through process improvements, employee education and awareness, and equipment (fixture) upgrades.</u>				

**Second aspect you've selected**

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Solid waste		1.08 lbs per labor hour		0.82 lbs per labor hour
<p>i. How is the current level an improvement over the previous level?</p> <p>24% reduction in the generation of solid wastes (does not include RCRA or State hazardous waste generation)</p>				
<p>ii. How did you achieve this improvement?</p> <p>Increased/implemented additional recycling programs along with employee education.</p>				

- 2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this section.

**Note to small facilities:** If you are a small facility, you are required to make commitments for at least two environmental aspects in two different categories.

**First aspect you've selected**

a. What is the aspect?

Total Energy Use

b. Is this aspect identified as significant in your EMS?

Yes  No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

Option A: Absolute value

(Quantity/Units)

Option B: In terms of units of production or output

27 kWh/Labor hour  
(Quantity/Units)

## Section C, continued

d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

- Option A:  
Absolute value \_\_\_\_\_  
(Quantity/Units)
- Option B:  
In terms of units of production or output 24 kWh/labor hour  
(Quantity/Units) (10%)

e. How will you achieve this improvement?

Energy efficiency through lighting upgrades, motor & pump upgrades, compressed air studies and employee awareness

### Second aspect you've selected

a. What is the aspect?

Total Materials Use - Oil Consumption in Primary Dept.

b. Is this aspect identified as significant in your EMS?

Yes  No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

Option A:  
Absolute value 4400 gallons  
(Quantity/Units)

Option B:  
In terms of units of production or output \_\_\_\_\_  
(Quantity/Units)

d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

Option A:  
Absolute value 3000 gallons  
(Quantity/Units) (30%)

Option B:  
In terms of units of production or output \_\_\_\_\_  
(Quantity/Units)

e. How will you achieve this improvement?

Re-use and recycling of oil; process improvements in primary area and employee involvement

Section C, continued

**Third aspect you've selected**

- a. What is the aspect?
- b. Is this aspect identified as significant in your EMS?
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.
- e. How will you achieve this improvement?

Hazardous Materials Use - Nitric Acid for Passivation

- Yes  No
- Option A: Absolute value 8,000 lbs.  
(Quantity/Units)
- Option B: In terms of units of production or output \_\_\_\_\_  
(Quantity/Units)
- Option A: Absolute value 0!  
(Quantity/Units)
- Option B: In terms of units of production or output \_\_\_\_\_  
(Quantity/Units)

Process improvements;  
new materials

**Fourth aspect you've selected**

- a. What is the aspect?
- b. Is this aspect identified as significant in your EMS?
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.
- e. How will you achieve this improvement?

Total Water Use

- Yes  No
- Option A: Absolute value \_\_\_\_\_  
(Quantity/Units)
- Option B: In terms of units of production or output 8.5 gal/labor hour  
(Quantity/Units)
- Option A: Absolute value \_\_\_\_\_  
(Quantity/Units)
- Option B: In terms of units of production or output 7.2 gal/labor hour  
(Quantity/Units) (15%)

Sanitary fixture upgrades,  
reuse water recycling,  
process water re-use and  
employee awareness

# Section D

Tell us about your public outreach and reporting.

## Why do we need this information?

Facilities must demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

## What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

1 How do you identify and respond to community concerns?

Through the local press, town meetings or directly at the plant. If concerns are directed to the plant, a formal response is written and a log of communications is maintained.

2 How do you inform community members of important matters that affect them?

For emergencies, the local police, hospital and fire dept. have copies of our ICP (Integrated Contingency Plan) for other environmental matters, they are handled as in #1 above.

3 How will you make the Achievement Track Annual Performance Report available to the public?

- Website www.nhbb.com
- Newspaper
- Open Houses
- Other  
Reports to Town - Selectmen  
Reports to Conservation Commission

Section D, continued

4 Are there any ongoing citizen suits against your facility?  Yes  No

If yes, describe briefly in the right-hand column.

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5 List references below.

	Organization	Name	Phone number
Representative of a Community/ Citizen Group	Peterborough - Town Administrator	Pam Brenner	603-924-8000
State/Local regulator	NHDES (NHPPP)	Sara Johnson	603-271-2902
	NHDES	Tom Andrews	603-271-2908
Other community/local reference	WasteCap of NH	Barbara Bernstein	603-224-2872

# Section E

On behalf of New Hampshire Ball Bearings, Inc.  
[my facility],

## Application and Participation Statement

I certify that

I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;

I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;

My facility has an environmental management system (EMS), as defined in the Achievement Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;

My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;

Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

Richard Reynolds

Printed Name/Title

Richard Reynolds / Operations Manager

Facility Name

New Hampshire Ball Bearings, Inc.

Facility Street Address

175 Jaffrey Road, Peterborough, NH 03458-1709

Facility ID Numbers